L Number	Hits	Search Text	DB	Time stamp
1	272	(348/345).CCLS.	USPAT;	2004/01/19
2	156	(348/347).CCLS.	US-PGPUB USPAT;	15:11 2004/01/19
		((348/349).CCLS.) not ((348/352).CCLS.)	US-PGPUB USPAT;	15:11 2004/01/19
5	119		US-PGPUB	15:11
8	149	((348/347).CCLS.) not ((348/352).CCLS.)	USPAT; US-PGPUB	2004/01/19 15:11
9	134	(((348/347).CCLS.) not ((348/352).CCLS.))	USPAT;	2004/01/19
11	258	not ((348/354).CCLS.) ((348/345).CCLS.) not ((348/347).CCLS.)	US-PGPUB USPAT;	15:11 2004/01/19
12	255	(((348/345).CCLS.) not ((348/347).CCLS.))	US-PGPUB USPAT;	15:11 2004/01/19
		not ((348/352).CCLS.)	US-PGPUB	15:11
13	243	((((348/345).CCLS.) not ((348/347).CCLS.)) not ((348/352).CCLS.))	USPAT; US-PGPUB	2004/01/19
	0.20	not ((348/354).CCLS.)	HCDAM.	2004/01/19
14	230	(((((348/345).CCLS.) not ((348/347).CCLS.)) not ((348/352).CCLS.))	USPAT; US-PGPUB	15:11
		not ((348/354).CCLS.)) not (((348/349).CCLS.) not ((348/352).CCLS.))		
16	0	((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or	US-PGPUB	15:11
		US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$).did. or (US-20020109784-\$).did.) and (zoom adj		
10	110	speed)	USPAT;	2004/01/19
19	119	zoom adj speed	US-PGPUB	15:11
26	0	zoom adj speed adj detection	USPAT; US-PGPUB	2004/01/19 15:11
28	519	sharpness with (average or averaged)	USPAT; US-PGPUB	2004/01/19
30	1283	averaging adj time	USPAT;	2004/01/19
31	0	(averaging adj time) with sharpness	US-PGPUB USPAT;	15:11 2004/01/19
	0	(averaging adj time) with (zoom or	US-PGPUB USPAT;	15:11 2004/01/19
32	U	zooming)	US-PGPUB	15:11
33	128	(averaging adj time) with frequency	USPAT; US-PGPUB	2004/01/19 15:11
38	0	(((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or	US-PGPUB	12:11
		US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and zoom adj		
42	1	(((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or	US-PGPUB	15:11
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and (zoom adj		
		speed with (shutter or exposure adj time))) and zoom adj speed		
L	L	James, , , and book any brook		1

US-5909242-\$ or US-5896174-\$ or US-PGPUB 1 US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or	2004/01/19 l5:11
US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or	
US-5361095-\$ or US-5325206-\$ or	
US-5164835-\$ or US-6034727-\$ or	
US-6005612-\$ or US-5835143-\$ or	
US-5699116-\$ or US-5267044-\$ or	
US-5331367-\$).did. or	
(US-20020109784-\$).did.) and (zoom adj	
speed with (shutter or exposure adj	
time))) and zoom adj speed) and (shutter	
or exposure)) and (AF with PZ)) and AF	
47 0 ((((((((US-6072525-\$ or US-5923368-\$ or USPAT; 2	2004/01/19
1 *	15:11
US-5619264-\$ or US-5517238-\$ or	
US-5361095-\$ or US-5325206-\$ or	
US-5164835-\$ or US-6034727-\$ or	
US-6005612-\$ or US-5835143-\$ or	
US-5699116-\$ or US-5267044-\$ or	
US-5331367-\$).did. or	
(US-20020109784-\$).did.) and (zoom adj	
speed with (shutter or exposure adj	
time))) and zoom adj speed) and (shutter	
or exposure)) and (AF with PZ)) and AF)	
and PZ) and (change with exposure adj	
time)	
	2004/01/19
US-5909242-\$ or US-5896174-\$ or US-PGPUB 1	15:11
US-5619264-\$ or US-5517238-\$ or	
US-5361095-\$ or US-5325206-\$ or	
US-5164835-\$ or US-6034727-\$ or	
US-6005612-\$ or US-5835143-\$ or	
US-5699116-\$ or US-5267044-\$ or	
(US-20020109784-\$).did.) and (zoom adj	
speed with (shutter or exposure adj	
time))) and zoom adj speed) and (shutter	
or exposure)) and (AF with PZ)) and AF)	
and PZ) and (change with shutter adj	
speed)	2004/01/10
	2004/01/19
	15:11
US-5619264-\$ or US-5517238-\$ or	
US-5361095-\$ or US-5325206-\$ or	
US-5164835-\$ or US-6034727-\$ or	
US-6005612-\$ or US-5835143-\$ or	
US-5699116-\$ or US-5267044-\$ or	
US-5331367-\$).did. or (US-20020109784-\$).did.) and (zoom adj	
speed with (shutter or exposure adj	
time))) and zoom adj speed) and (shutter	
or exposure)) and (AF with PZ)) and AF)	
and PZ) and (in-focus with (zoom or	
zooming))) and shake	
	2004/01/19
	15:11
US-5619264-\$ or US-5517238-\$ or	
US-5361095-\$ or US-5325206-\$ or	
US-5164835-\$ or US-6034727-\$ or	
US-6005612-\$ or US-5835143-\$ or	
US-5699116-\$ or US-5267044-\$ or	
US-5331367-\$).did. or	
(US-20020109784-\$).did.) and shake) and	
(high-frequency or high adj frequency))	
and sharpness	
58 0 ("37 and in-focus and zooming").PN. USPAT; 2	2004/01/19
	15:11

59	0	((((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:11
		US-5619264-\$ or US-5517238-\$ or		
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or		
		US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and ((in-focus		
		or in adj focus) with zooming)) and		
		(in-focus and zooming)) and		
		high-frequency		
60	ol	(((((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
"		US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:11
		US-5619264-\$ or US-5517238-\$ or		
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or		1
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or		1
		· · · · · · · · · · · · · · · · · · ·		
		US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and ((in-focus		
		or in adj focus) with zooming)) and		
		(in-focus and zooming)) and		1
		high-frequency) and high-frequency and		
		zooming and in-focus		2004/01/10
61	0	(((((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:11
		US-5619264-\$ or US-5517238-\$ or		
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or		
		US-5331367-\$).did. or		
ļ		(US-20020109784-\$).did.) and ((in-focus		
		or in adj focus) with zooming)) and		
		(in-focus and zooming)) and		1
		high-frequency) and high-frequency and		
		zooming and in-focus) and focus with		
		value with (zoom or zooming)		
63	l ol	((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
03		US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:11
		US-5619264-\$ or US-5517238-\$ or	•••••	
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
	[US-5699116-\$ or US-5267044-\$ or		
		US-5331367-\$).did. or		
1		(US-20020109784-\$).did.) and averaging	1	
1]	
1.4		adj time	USPAT;	2004/01/19
64	0	((US-6072525-\$ or US-5923368-\$ or	US-PGPUB	15:11
1		US-5909242-\$ or US-5896174-\$ or	US-FGFUB	17.11
		US-5619264-\$ or US-5517238-\$ or		
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or	}	
		US-5699116-\$ or US-5267044-\$ or	1	
1		US-5331367-\$).did. or	1	
		(US-20020109784-\$).did.) and ((sharpness	I	
		adj signals) with (average or averaged or		
1		averaging))	l	
67	0	(averaging adj time) with sharpness	USPAT;	2004/01/19
			US-PGPUB	15:11
68	561	(averaging or average or averaged)with	USPAT;	2004/01/19
		sharpness	US-PGPUB	15:11
69	0	((averaging or average or averaged) with	USPAT;	2004/01/19
		sharpness) with (zoom or zooming)	US-PGPUB	15:11
70	30	((averaging or average or averaged) with	USPAT;	2004/01/19
		sharpness) and (zoom or zooming)	US-PGPUB	15:11
72 .	576	(averaging or average or averaged or	USPAT;	2004/01/19
'-	1	combine) with sharpness	US-PGPUB	15:11
73	0	((averaging or average or averaged or	USPAT;	2004/01/19
' '	1	combine) with sharpness) with zoom	US-PGPUB	15:11
	L	Committee and Discool and a com		·

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74	88	focus adj evaluation adj value	USPAT;	2004/01/19
1	.1_		US-PGPUB	15:11
75	55	(focus adj evaluation adj value) and zoom	USPAT; US-PGPUB	2004/01/19 15:11
80	0	((((((US-6072525-\$ or US-5923368-\$ or	USPAT:	2004/01/19
80	١	US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:11
		US-5619264-\$ or US-5517238-\$ or		
		US-5361095-\$ or US-5325206-\$ or		
	!	US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or		
		US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and ((in-focus		
		or in adj focus) with zooming)) and		
		(in-focus and zooming)) and		
		high-frequency) and high-frequency and zooming and in-focus) and focus with		
		value with (zoom or zooming)) and		
		(high-frequency and sharpness)		
82	42	focus adj signal with (average or	USPAT;	2004/01/19
02		averaged or averaging)	US-PGPUB	15:11
83	0	(focus adj signal with (average or	USPAT;	2004/01/19
		averaged or averaging)) not (focus adj	US-PGPUB	15:11
		signals with (average or averaged or		
1		averaging))	Henam.	2004/01/10
84	160	shake adj detection	USPAT; US-PGPUB	2004/01/19
0,6	0	2002/0109784	USPAT;	2004/01/19
86		2002/0103/04	US-PGPUB	15:11
90	0	hirofumi adj suda	USPAT;	2004/01/19
"			US-PGPUB	15:11
91	53	hirofumi near suda	USPAT;	2004/01/19
			US-PGPUB	15:11
93	3		USPAT;	2004/01/19
		ohkawara) and evaluation adj value	US-PGPUB	15:11 2004/01/19
94	3	(((hirofumi near suda) and hiroto near ohkawara) and evaluation adj value) and	USPAT; US-PGPUB	15:11
		sharpness	05-FGF0B	13.11
97	0	average near3 sharpness adj signal	USPAT;	2004/01/19
"		average means bharpheas and argume	US-PGPUB	15:11
98	117	average near3 sharpness	USPAT;	2004/01/19
			US-PGPUB	15:11
99	1914	sharpness adj signal or focus adj signal	USPAT;	2004/01/19
			US-PGPUB	15:11 2004/01/19
101	0		USPAT; US-PGPUB	15:11
		signal) with average with (zoom or zooming)	03-FGF0B	1 13.11
104	4441	focus with zoom	USPAT;	2004/01/19
104	3334		US-PGPUB	15:11
105	279	focus with zoom with speed	USPAT;	2004/01/19
		_	US-PGPUB	15:11
109	2616	(high-frequency or high adj frequency)	USPAT;	2004/01/19
		with (averaging adj time or average or	US-PGPUB	15:11
110		averaged)	USPAT;	2004/01/19
110	0	(high-frequency or high adj frequency or sharpness adj signal or focus adj signal)	US-PGPUB	15:12
		with (average or averaged or averaging)		
		with (time or duration or period) with		
		(zoom or zooming or zoomed)		
111	512	(high-frequency or high adj frequency or	USPAT;	2004/01/19
		sharpness adj signal or focus adj signal)	US-PGPUB	15:12
		with (average or averaged or averaging)		
111	540	with (time or duration or period)	USPAT;	2004/01/19
113	512	(high-frequency or high adj frequency or sharpness adj signal or focus adj signal)	US-PGPUB	15:12
		with (average or averaged or averaging)	55 15105	
		with (time or duration or period)	1	
114	192	((high-frequency or high adj frequency or	USPAT;	2004/01/19
1		sharpness adj signal or focus adj signal)	US-PGPUB	15:12
		with (average or averaged or averaging)		
		with (time or duration or period)) and		
	<u> </u>	time adj (duration or period)	l	

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117	160	(high-frequency or high adj frequency or sharpness adj signal or focus) with	USPAT; US-PGPUB	2004/01/19 15:12
		(average or averaged or averaging) with (frames or images)		
120	59	(focus or sharpness or blur) with (shake or movement) with (average or averaged or	USPAT; US-PGPUB	2004/01/19 15:12
122	320	averaging) focus with movement with (correct or	USPAT;	2004/01/19
125	478	correction) (shake or movment) with (sample or	US-PGPUB USPAT;	15:12 2004/01/19
127	331	sampling) camera and (movement or shake) adj	US-PGPUB USPAT;	15:12 2004/01/19
129	0	correction focus with zoom with skake with luminance	US-PGPUB USPAT;	15:12 2004/01/19
130	0	focus with zoom with shake with luminance	US-PGPUB USPAT; US-PGPUB	15:12 2004/01/19 15:12
134	0	(sharpness adj signal) with (change or changing) with (average or averaging or	USPAT; US-PGPUB	2004/01/19 15:12
135	81	averaged) (focus) with (change or changing) with (average or averaging or averaged)	USPAT; US-PGPUB	2004/01/19 15:12
136	0	(focus) with (change or changing) with (average or averaging or averaged) with	USPAT; US-PGPUB	2004/01/19 15:12
137	4870	(zoom or zooming) focus with (zoom or zooming)	USPAT; US-PGPUB	2004/01/19 15:12
138	1048	(focus with (zoom or zooming)) and (average or averaging or averaged)	USPAT; US-PGPUB	2004/01/19 15:12
139	1016	((focus with (zoom or zooming)) and (average or averaging or averaged)) and (time or period or duration)	USPAT; US-PGPUB	2004/01/19 15:12
140	907	(((focus with (zoom or zooming)) and (average or averaging or averaged)) and	USPAT; US-PGPUB	2004/01/19 15:12
141	81	<pre>(time or period or duration)) and camera ((((focus with (zoom or zooming)) and (average or averaging or averaged)) and (time or period or duration)) and camera)</pre>	USPAT; US-PGPUB	2004/01/19 15:12
142	71	and shake (((((focus with (zoom or zooming)) and (average or averaging or averaged)) and (time or period or duration)) and camera)	USPAT; US-PGPUB	2004/01/19 15:12
144	8897	and shake) and (speed or velocity) focus with (zoom or zooming)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/19 15:12
145	1064	(focus with (zoom or zooming)) and (average or averaging or averaged)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/19 15:12
146	1023	((focus with (zoom or zooming)) and (average or averaging or averaged)) and (time or period or duration)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/19 15:12
147	912	(((focus with (zoom or zooming)) and (average or averaging or averaged)) and (time or period or duration)) and camera	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/19 15:12
148	81	((((focus with (zoom or zooming)) and (average or averaging or averaged)) and (time or period or duration)) and camera) and shake	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/19 15:12

149	71	<pre>(((((focus with (zoom or zooming)) and (average or averaging or averaged)) and (time or period or duration)) and camera) and shake) and (speed or velocity)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/19 15:12
		-	IBM_TDB	2004/01/10
150	0	<pre>((((((focus with (zoom or zooming)) and (average or averaging or averaged)) and (time or period or duration)) and camera) and shake) and (speed or velocity)) not (((((focus with (zoom or zooming)) and (average or averaging or averaged)) and (time or period or duration)) and camera) and shake) and (speed or velocity))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/19 15:12
152	0	sampling with shake with (increase or decrease)	USPAT; US-PGPUB	2004/01/19
154	22	frequency with shake with (increase or decrease)	USPAT; US-PGPUB	2004/01/19 15:12
157	0	("focus with averaging").PN.	USPAT; US-PGPUB	2004/01/19 15:12
158	156	(348/347).CCLS.	USPAT; US-PGPUB	2004/01/19 15:12
159	225	focus with averaging	USPAT; US-PGPUB	2004/01/19
160	32	(focus with averaging) and (zoom or zooming)	USPAT; US-PGPUB	2004/01/19
3	43	(348/352).CCLS.	USPAT; US-PGPUB	2004/01/19
165	0	(2002/0109784).CCLS.	USPAT; US-PGPUB	2004/01/19
4	96	(348/354).CCLS.	USPAT; US-PGPUB USPAT;	2004/01/19 15:12 2004/01/19
6	99 122	(((348/349).CCLS.) not ((348/352).CCLS.)) not ((348/354).CCLS.) (348/349).CCLS.	US-PGPUB USPAT;	15:12 2004/01/19
7			US-PGPUB	15:12
10	124	((((348/347).CCLS.) not ((348/352).CCLS.)) not ((348/354).CCLS.)) not ((348/349).CCLS.)	USPAT; US-PGPUB	2004/01/19
15	14	(US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$).did. or (US-20020109784-\$).did.	USPAT; US-PGPUB	2004/01/19 15:12
17	20	(348/208.12).CCLS.	USPAT; US-PGPUB	2004/01/19 15:12
18	2	((US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$).did. or (US-20020109784-\$).did.) and (zoom with speed)	USPAT; US-PGPUB	2004/01/19 15:12
20	1	(zoom adj speed) with shutter adj speed	USPAT; US-PGPUB	2004/01/19 15:12
21	1	((zoom adj speed) with shutter adj speed) and (zoom adj speed and shutter adj speed)	USPAT; US-PGPUB	2004/01/19 15:12
22	15	(US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or (US-20020109784-\$).did.	USPAT; US-PGPUB	2004/01/19 15:12

1				_	
US-5619264-3 or US-5517238-3 or US-5619264-3 or US-5161935-3 or US-5619264-3 or US-5619264-3 or US-561916-3 or US-561916-3 or US-5267044-3 or US-561916-3 or US-5267044-3 or US-5619264-3 or US-581916-3 or US-581913-3 or US-581913-	23	1	• •		
US-5361095-% or US-5325206-% or US-5005612-% or US-5005612-% or US-5835143-% or US-590916-% or US-5835143-% or US-590916-% or US-5931367-%).did. or (US-20020109784-%).did.) and ((high-frequency or high adj frequency) with sharpness)				US-PGPUB	15:12
US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5267044-\$ or US-52699116-\$ or US-526704-\$ or US-5267095-\$ or US-5285206-\$ or US-5267095-\$ or US-5285206-\$ or US-5267095-\$ or US-5285206-\$ or US-5267095-\$					
US-60916612-\$ or US-5835143-\$ or US-5699116-\$ or US-569916-\$ or					
US-5699116-\$ or US-5267044-\$ or US-52020109784-9).did.) and (high-frequency) with sharpmess)					
US-5331367-\$).did. or					1
(US-20020109784-\$).did.) and ((Uhigh-frequency) with sharpness)					
((Inigh-frequency or high adj frequency) with sharpness) ((US-6072525-\$ or US-5923368-\$ or US-592368-\$ or US-5961748-\$ or US-59619264-\$ or US-5961728-\$ or US-59619264-\$ or US-5517238-\$ or US-59619264-\$ or US-5517238-\$ or US-508195-\$ or US-508747-\$ or US-508716-\$ or US-5			, ,		
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US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or (US-20020109784-\$).did.) and zoom and focus 1 ((US-6072525-\$ or US-5923368-\$ or USPAT; 2004/01/19					
US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or (US-20020109784-\$).did.) and zoom and focus 1 ((US-6072525-\$ or US-5923368-\$ or USPAT; 2004/01/19					
US-5331367-\$).did. or (US-20020109784-\$).did.) and zoom and focus 1 ((US-6072525-\$ or US-5923368-\$ or USPAT; 2004/01/19			· · · · · · · ·		
focus ((US-6072525-\$ or US-5923368-\$ or USPAT; 2004/01/19]
37 1 ((US-6072525-\$ or US-5923368-\$ or USPAT; 2004/01/19					
	.		focus		
	37	1	((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
			US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:12
US-5619264-\$ or US-5517238-\$ or			US-5619264-\$ or US-5517238-\$ or		1
US-5361095-\$ or US-5325206-\$ or			US-5361095-\$ or US-5325206-\$ or		1
US-5164835-\$ or US-6034727-\$ or			US-5164835-\$ or US-6034727-\$ or		
US-6005612-\$ or US-5835143-\$ or					
US-5699116-\$ or US-5267044-\$ or			US-5699116-\$ or US-5267044-\$ or		
US-5331367-\$).did. or	ı				1
(US-20020109784-\$).did.) and zoom adj			(OD 000100, 4). utu. Ot		
speed			, ,		

				1
39	1	(((US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or	USPAT; US-PGPUB	2004/01/19 15:12
		US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and zoom adj		
40	1	l .*. '	USPAT; US-PGPUB	2004/01/19
		US-5619264-\$ or US-5517238-\$ or	US-PGPUB	13:12
		US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or		
		US-5331367-\$).did. or (US-20020109784-\$).did.) and zoom adj		
		speed) and reduce) and (focus or focusing		
41	1	of focused) ((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or	US-PGPUB	15:12
		US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and (zoom adj speed with (shutter or exposure adj		
43	1	time)) ((((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
	_	US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or	US-PGPUB	15:12
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and (zoom adj speed with (shutter or exposure adj		
		time))) and zoom adj speed) and (shutter		
44	1	or exposure) (((((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or	US-PGPUB	15:12
		US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or		
		US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and (zoom adj speed with (shutter or exposure adj		
		time))) and zoom adj speed) and (shutter or exposure)) and (AF with PZ)		
46	1	(((((((((us-6072525-\$ or Us-5923368-\$ or Us-5909242-\$ or Us-5896174-\$ or	USPAT; US-PGPUB	2004/01/19 15:12
		US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or		
		US-5331367-\$).did. or (US-20020109784-\$).did.) and (zoom adj		
		speed with (shutter or exposure adj time))) and zoom adj speed) and (shutter		
		or exposure)) and (AF with PZ)) and AF)		
L	L	and PZ	L	<u> </u>

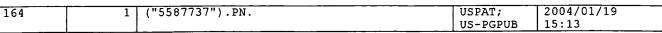
			T	10004/01/55
49	1	(((((((((US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or (US-20020109784-\$).did.) and (zoom adj speed with (shutter or exposure adj time))) and zoom adj speed) and (shutter or exposure)) and (AF with PZ)) and AF) and PZ) and (in-focus with (zoom or zooming))	USPAT; US-PGPUB	2004/01/19 15:12
51	15	(US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or (US-20020109784-\$).did.	USPAT; US-PGPUB	2004/01/19 15:12
52 .	5	((US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or (US-20020109784-\$).did.) and shake	USPAT; US-PGPUB	2004/01/19 15:12
54	5	(((US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or (US-20020109784-\$).did.) and shake) and (high-frequency or high adj frequency)	USPAT; US-PGPUB	2004/01/19 15:12
55	1	("6373524").PN.	USPAT; US-PGPUB	2004/01/19
56	1	((US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or (US-20020109784-\$).did.) and ((in-focus or in adj focus) with zooming)	USPAT; US-PGPUB	2004/01/19 15:12
57	1	or in adj focus) with zooming) (((US-6072525-\$ or US-5923368-\$ or US-5909242-\$ or US-5896174-\$ or US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or US-6005612-\$ or US-5835143-\$ or US-5699116-\$ or US-5267044-\$ or US-5331367-\$).did. or (US-20020109784-\$).did.) and ((in-focus or in adj focus) with zooming)) and (in-focus and zooming)	USPAT; US-PGPUB	2004/01/19 15:12

62	5	((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:12
		US-5619264-\$ or US-5517238-\$ or		
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or		
		US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and shake		!
65	1	((US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:12
		US-5619264-\$ or US-5517238-\$ or		
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5835143-\$ or		
		US-5699116-\$ or US-5267044-\$ or		
		US-5331367-\$).did. or		
		(US-20020109784-\$).did.) and sharpness		:
		adj signals		
66	1	("5331367").PN.	USPAT;	2004/01/19
			US-PGPUB	15:12
71	21	(((averaging or average or averaged)with	USPAT;	2004/01/19
		sharpness) and (zoom or zooming)) and	US-PGPUB	15:12
		(speed or velocity)		
76	8	(focus adj evaluation adj value) with	USPAT;	2004/01/19
' -		zoom	US-PGPUB	15:12
77	8	((focus adj evaluation adj value) with	USPAT;	2004/01/19
, ,		zoom) and focus adj evaluation adj value	US-PGPUB	15:12
78	4	(((focus adj evaluation adj value) with	USPAT;	2004/01/19
		zoom) and focus adj evaluation adj value)	US-PGPUB	15:12
		and average		
79	1	("6373524").PN.	USPAT;	2004/01/19
			US-PGPUB	15:12
81	19	focus adj signals with (average or	USPAT;	2004/01/19
		averaged or averaging)	US-PGPUB	15:12
85	13	(shake adj detection) with contrast	USPAT;	2004/01/19
			US-PGPUB	15:12
87	2	"0109784"	USPAT;	2004/01/19
			US-PGPUB	15:12
88	1	("0109784").PN.	USPAT;	2004/01/19
			US-PGPUB	15:12
89	16		USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:12
		US-5619264-\$ or US-5517238-\$ or		
		US-5361095-\$ or US-5325206-\$ or		
		US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5842059-\$ or		1
ļ l		US-5835143-\$ or US-5699116-\$ or		
		US-5267044-\$ or US-5218442-\$).did. or		
		(US-20020109784-\$).did.		0004/01/10
92	3	(hirofumi near suda) and hiroto near	USPAT;	2004/01/19
		ohkawara	US-PGPUB	15:12
95	3	((((hirofumi near suda) and hiroto near	USPAT;	2004/01/19
		ohkawara) and evaluation adj value) and	US-PGPUB	15:12
		sharpness) and focus and zoom		2004/01/10
96	1	("5331367").PN.	USPAT;	2004/01/19
			US-PGPUB	15:12
100	32	(sharpness adj signal or focus adj	USPAT;	2004/01/19
		signal) with average	US-PGPUB	15:13
102	5	((sharpness adj signal or focus adj	USPAT;	2004/01/19
	_	signal) with average) and zoom	US-PGPUB	15:13
103	64	focus with average with zoom	USPAT;	2004/01/19
	_	11 2 2 42	US-PGPUB	15:13
106	9	zoom adj calculation	USPAT;	2004/01/19
		(6 - 1)	US-PGPUB	15:13
107	46	(focus with zoom with speed) and	USPAT;	2004/01/19
1.00	_	averaging adj time	US-PGPUB	15:13
108	4	(high-frequency or high adj frequency)	USPAT;	2004/01/19
	l	with averaging adj time	US-PGPUB	15:13

112	40	(high-frequency or high adj frequency or	USPAT;	2004/01/19
		sharpness adj signal or focus adj signal)	US-PGPUB	15:13
		with (average or averaged or averaging)		
		with (time or duration or period) with		
115	55	<pre>(change or vary or decrease or increase) (((high-frequency or high adj frequency</pre>	USPAT;	2004/01/19
115	33	or sharpness adj signal or focus adj	US-PGPUB	15:13
		signal) with (average or averaged or	05 10105	13.13
		averaging) with (time or duration or		
		period)) and time adj (duration or		
		period)) and camera		
116	43	(high-frequency or high adj frequency or	USPAT;	2004/01/19
		sharpness adj signal or focus adj signal) with (average or averaged or averaging)	US-PGPUB	15:13
		with (average of averaged of averaging) with (frames or images)		
118	56	((high-frequency or high adj frequency or	USPAT;	2004/01/19
		sharpness adj signal or focus) with	US-PGPUB	15:13
		(average or averaged or averaging) with		
		(frames or images)) and zoom		
119	6	(high-frequency or high adj frequency or	USPAT;	2004/01/19 15:13
		sharpness adj signal or focus) with	US-PGPUB	15:13
		(average or averaged or averaging) with (exposure adj time or shutter adj speed)		
121	21	(focus or sharpness or blur) with (shake	USPAT;	2004/01/19
		or movement) with (average or averaged or	US-PGPUB	15:13
		averaging) with (time or duration or		
		images or frames)		0004/01/10
123	3	focus with movement with (correct or	USPAT; US-PGPUB	2004/01/19 15:13
		correction) with (average or averaging or averaged)	03-16100	13.13
124	14	averaged; calculating adj zoom	USPAT;	2004/01/19
124		outourusing day 200m	US-PGPUB	15:13
126	22	(shake or movment) with (sample or	USPAT;	2004/01/19
		sampling) with time	US-PGPUB	15:13
128	46	(camera and (movement or shake) adj	USPAT;	2004/01/19
	!	correction) and ((variable or changable)	US-PGPUB	15:13
131	14	with time) focus with zoom with shake	USPAT;	2004/01/19
131	14	100ds with 200m with shake	US-PGPUB	15:13
132	1	"5003339".PN.	USPAT	2004/01/19
				15:13
133	1	5699116.URPN.	USPAT	2004/01/19
142	F 1	/////facus with /goom on gooming) and	USPAT;	15:13 2004/01/19
143	51	(((((focus with (zoom or zooming)) and (average or averaging or averaged)) and	US-PGPUB	15:13
		(time or period or duration)) and camera)		
		and shake) and (speed or velocity)) and		
		(luminance or illuminance)		
151	21	(US-6072525-\$ or US-5923368-\$ or	USPAT;	2004/01/19
		US-5909242-\$ or US-5896174-\$ or	US-PGPUB	15:13
		US-5619264-\$ or US-5517238-\$ or US-5361095-\$ or US-5325206-\$ or		
		US-5361095-\$ or US-5325206-\$ or US-5164835-\$ or US-6034727-\$ or		
		US-6005612-\$ or US-5842059-\$ or		
		US-5835143-\$ or US-5699116-\$ or		
		US-5267044-\$ or US-5218442-\$ or		
		US-6408135-\$ or US-5668597-\$ or		
[US-5051770-\$ or US-5587737-\$ or		
		US-6047134-\$).did. or (US-20020109784-\$).did.		
153	1		USPAT;	2004/01/19
	*	decrease)	US-PGPUB	15:13
155	4		USPAT;	2004/01/19
		or decrease)	US-PGPUB	15:13
156	48	high-frequency with vibration with	USPAT; US-PGPUB	2004/01/19 15:13
161	32	(increase or decrease) (focus with averaging) and zoom	USPAT;	2004/01/19
1,21	32	(10003 WICH averaging) and 200m	US-PGPUB	15:13
162	2	"5699116"	USPAT;	2004/01/19
			US-PGPUB	15:13
163	4	"5587737"	USPAT;	2004/01/19
			US-PGPUB	15:13

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